Technical datasheet

# Flexam EM 8/2 0+P24 petrol AS FG

Article code: SBFL574174



General information	
Product group	Synthetic Belts
Industry segment	Logistics: Distribution & warehousing
Main product feature	Antistatic, Foodgrade
Indication of use	Slider bed, Rollers, Flat

## Belt construction

Tension layer		polyester, stable
Number of plies		2
Top side	material	Flexam, PVC
	finish	profile, P24 Basket weave profile
	color	petrol
Bottom side	material	fabric, polyester
	finish	bare fabric
	color	natural
Characteristics		

Food Grade (FG)	yes   EC 1935/2004, EU 10/2011; FDA     yes   ISO 21178     no				
Antistatic (AS)	yes	ISO 21178			
High conductive (HC)	no				
ATEX approval	no				

#### Technical data

ISO 868	top side	35A	Shore		
ISO 21181		8	N/mm	45.68	lbs/in.
ISO 21181		5	N/mm	28.55	lbs/in.
AB method KV.002	total	2.60	mm	0.1	in.
	top cover	1.00	mm	0.04	in.
AB method KV.004		2.9	kg/m²	0.59	lbs/ft²
bottom against steel	dynamic	0.19			
	static	0.22			
continuous	from / to	-15 / 80	°C	5 / 176	°F
short	from / to	-15 / 100	°C	5 / 212	°F
flexing		40	mm	1.57	in.
backflexing		55	mm	2.17	in.
standard		2020	mm	79.53	in.
maximum		3000	mm	118.11	in.
	ISO 21181 ISO 21181 AB method KV.002 AB method KV.004 bottom against steel continuous short flexing backflexing standard	ISO 21181 ISO 21181   ISO 21181 total   AB method KV.002 total   AB method KV.004 top cover   AB method KV.004 static   bottom against steel dynamic   continuous from / to   short from / to   flexing statler   backflexing standard	ISO 21181ISO 21181ISO 211815AB method KV.002totalAB method KV.002totaltop cover1.00AB method KV.0042.9bottom against steeldynamicbottom against steeldynamiccontinuousfrom / toshortfrom / toflexing40backflexing55standard2020	ISO 21181ABN/mmISO 211815N/mmAB method KV.002total2.60mmAB method KV.004top cover1.00mmAB method KV.00462.9kg/m²bottom against steeldynamic0.191continuousfrom / to-15 / 80°Cshortfrom / to-15 / 100°Cflexing40mm1backflexing55mmstandard2020mm	ISO 21181   March   45.68     ISO 21181   -   8   N/mm   45.68     ISO 21181   -   5   N/mm   28.55     AB method KV.002   total   2.60   mm   0.1     ISO 21181   total   2.60   mm   0.1     AB method KV.002   total   2.60   mm   0.04     AB method KV.004   -   2.9   kg/m²   0.59     bottom against steel   dynamic   0.19   -   -     bottom against steel   from / to   -15 / 80   °C   5 / 176     short   from / to   -15 / 100   °C   5 / 212     flexing   -   -15 / 100   °C   5 / 212     backflexing   -   -15 / 100   °C   5 / 212     standard   -   -   -   -   -

# Fabrication

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

## Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

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